



03500.017725

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
FUMITAKA TOYOMURA, ET AL. ) Examiner: Unassigned  
Application No.: 10/717,641 ) Group Art Unit: 3748  
Filed: November 21, 2003 )  
For: PHOTOVOLTAIC POWER )  
GENERATING APPARATUS, )  
METHOD OF PRODUCING )  
SAME AND PHOTOVOLTAIC )  
POWER GENERATING )  
SYSTEM : May 4, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the Japanese documents, together with English-language abstracts, are enclosed.

The Japanese documents are discussed at pages 3 to 6 and 19 of the specification, and U.S. Patent No. 4,773,944 is discussed at pages 6 and 7 of the specification.

U.S. Patent Nos. 6,184,457 and 6,479,744 are believed to be English-language counterparts of Japan 11-186572.

FORMAL MATTERS

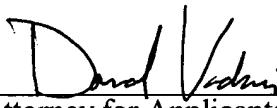
In accordance with 37 C.F.R. § 1.97(b), since a first Office Action on the merits of the subject application has not yet been issued, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is believed to be required for consideration of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee which may be required in connection with this paper to Deposit Account No. 06-1205. A duplicate of this paper is enclosed for that purpose.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicants  
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DEV/vc

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<p style="text-align: right;">O P T P U T 1449 (modified) MAY 04 2004 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)</p> <p>Date submitted PTO: May 4, 2004</p>				ATTY DOCKET NO. <b>03500.017725</b>	APPLICATION NO. <b>10/717,641</b>		
				APPLICANT <b>Fumitaka TOYOMURA, et al.</b>			
				FILING DATE <b>November 21, 2003</b>	GROUP <b>3748</b>		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>6,018,123</b>	<b>01/25/2000</b>	<b>Takada et al.</b>	<b>136</b>	<b>248</b>	
		<b>6,063,996</b>	<b>05/16/2000</b>	<b>Takada et al.</b>	<b>136</b>	<b>246</b>	
		<b>6,182,403 B1</b>	<b>02/06/2001</b>	<b>Mimura et al.</b>	<b>52</b>	<b>173.3</b>	
		<b>6,066,797</b>	<b>05/23/2000</b>	<b>Toyomura et al.</b>	<b>136</b>	<b>251</b>	
		<b>6,075,202</b>	<b>06/13/2000</b>	<b>Mori et al.</b>	<b>136</b>	<b>251</b>	
		<b>6,245,987 B1</b>	<b>06/12/2001</b>	<b>Shiomi et al.</b>	<b>136</b>	<b>244</b>	
		<b>6,093,884</b>	<b>07/25/2000</b>	<b>Toyomura et al.</b>	<b>136</b>	<b>244</b>	
		<b>6,207,889 B1</b>	<b>03/27/2001</b>	<b>Toyomura et al.</b>	<b>136</b>	<b>244</b>	
		<b>5,397,401</b>	<b>03/14/1995</b>	<b>Toma et al.</b>	<b>136</b>	<b>259</b>	
		<b>5,589,006</b>	<b>12/31/1996</b>	<b>Itoyama et al.</b>	<b>136</b>	<b>248</b>	
		<b>5,849,107</b>	<b>12/15/1998</b>	<b>Itoyama et al.</b>	<b>136</b>	<b>248</b>	
		<b>6,307,144 B1</b>	<b>10/23/2001</b>	<b>Mimura et al.</b>	<b>136</b>	<b>244</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>11-186572</b>	<b>07/09/1999</b>	<b>Japan</b>			<b>Abstract</b>
		<b>2000-112545</b>	<b>04/21/2000</b>	<b>Japan</b>			<b>Abstract</b>
		<b>8-70533</b>	<b>03/12/1996</b>	<b>Japan</b>			<b>Abstract</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date submitted to PTO: May 4, 2004			ATTY DOCKET NO. <b>03500.017725</b>		APPLICATION NO. <b>10/717,641</b>		
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>6,331,671 B1</b>	<b>12/18/2001</b>	<b>Makita et al.</b>	<b>136</b>	<b>244</b>	
		<b>6,437,235 B1</b>	<b>08/20/2002</b>	<b>Komori et al.</b>	<b>136</b>	<b>251</b>	
		<b>6,657,118 B2</b>	<b>12/02/2003</b>	<b>Toyomura et al.</b>	<b>136</b>	<b>244</b>	
		<b>6,515,215 B1</b>	<b>02/04/2003</b>	<b>Mimura</b>	<b>136</b>	<b>244</b>	
		<b>6,545,211 B1</b>	<b>04/08/2003</b>	<b>Mimura</b>	<b>136</b>	<b>244</b>	
		<b>6,479,744 B1</b>	<b>11/12/2002</b>	<b>Tsuzuki et al.</b>	<b>136</b>	<b>256</b>	
		<b>4,773,944</b>	<b>09/27/1988</b>	<b>Nath et al.</b>	<b>136</b>	<b>249</b>	
		<b>6,184,457 B1</b>	<b>02/06/2001</b>	<b>Tsuzuki et al.</b>	<b>136</b>	<b>256</b>	
		<b>2003/0049881 A1</b>	<b>03/13/2003</b>	<b>Takada et al.</b>	<b>438</b>	<b>62</b>	
		<b>2003/0075211 A1</b>	<b>04/24/2003</b>	<b>Makita et al.</b>	<b>136</b>	<b>244</b>	
		<b>2001/0040453 A1</b>	<b>11/15/2001</b>	<b>Toyomura et al.</b>	<b>324</b>	<b>332</b>	
		<b>2002/0179140 A1</b>	<b>12/05/2002</b>	<b>Toyomura</b>	<b>136</b>	<b>251</b>	
		<b>2003/0062078 A1</b>	<b>04/03/2003</b>	<b>Mimura</b>	<b>136</b>	<b>244</b>	
		<b>2003/0210562 A1</b>	<b>11/13/2003</b>	<b>Takehara et al.</b>	<b>363</b>	<b>24</b>	
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